

	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. NATURES.003C9	APPLICATION NO. 10/712,085
	APPLICANT Peter T. McCarthy			
	FILING DATE November 13, 2003		GROUP Unknown	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
JS	1	5,384	12/4/1847	R.A. Tilghman			
JS	2	144,538	11/11,1873	Harsen			
JS	3	169,396	11/2/1875	O.G. Ahlstrom			
JS	4	<del>234,305</del>	<del>06/28/25</del>	Bovey (Wrong #)			
JS	5	<del>476,092</del>	<del>12/04/37</del>	Valente (Wrong #)			
JS	6	783,012	02/21/05	Biedermann et al.			
JS	7	<del>787,291</del>	unknown	Michiels (Wrong #)			
JS	8	871,059	11/12/07	Douse			
JS	9	998,146	07/18/11	Alfier et al.			
JS	10	1,061,264	5/13/1913	Bys			
JS	11	1,324,722	12/11/1917	William Bergin			
JS	12	1,607,857	5/27/1926	F. Zukal			
JS	13	1,684,714	08/12/27	Perry			
JS	14	2,241,305	02/27/39	Hill, Jr.			
JS	15	2,321,009	9/27/1940	O.P. Churchill			
JS	16	2,343,468	3/7/1944	Messinger			
JS	17	2,423,571	07/08/47	Wilen			
JS	18	2,588,363	03/11/52	Corlieu			
JS	19	2,850,487	9/2/1958	Gaetano F. D'Alello			
JS	20	2,865,033	12/23/1958	D.L. Jayet			
JS	21	2,889,563	6/9/1959	E.W. Lamb, et. al.			
JS	22	2,903,719	9/15/1959	J.L. Wozencraft			
JS	23	2,950,487	08/30/60	Woods			
JS	24	3,019,458	2/6/1962	E. De Barbieri, et. al.			
JS	25	3,055,025	9/25/1962	L. Ferraro, et. al.			
JS	26	3,082,442	3/26/1963	Cousteau, et al.			
JS	27	3,084,355	04/09/63	Ciccotelli			

EXAMINER	Jean D. Soleto	DATE CONSIDERED	10/5/05
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 809; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
JS	28	3,086,492	04/23/63	Holley			
JS	29	3,109,495	11/5/63	Lang			
JS	30	3,112,503	12/3/1963	B.B. Girden			
JS	31	3,171,142	3/2/1965	Auzols			
JS	32	3,239,857	3/15/1966	Frederick H. Gwynne			
JS	33	3,256,540	6/21/1966	Novelli			
JS	34	3,411,165	11/19/68	Murdoch			
JS	35	3,422,470	01/21/69	Mares			
JS	36	3,453,981	07/08/69	Gause			
JS	37	3,491,997	01/27/70	Winters			
JS	38	3,665,535	5/30/1972	Picken			
JS	39	3,773,011	11/20/73	Gronier			
JS	40	3,810,269	5/14/74	Tabata			
JS	41	3,922,741	12/02/75	Semeia			
JS	42	3,934,290	01/27/76	Le Vasseur			
JS	43	3,952,351	04/27/76	Gisbert			
JS	44	4,007,506	2/15/1977	Rasmussen			
JS	45	4,025,977	5/31/1977	Cronin			
JS	46	4,083,071	04/11/78	Forjot			
JS	47	4,193,371	03/18/80	Baulard-Caugan			
JS	48	4,197,869	04/15/80	Moncrieff-Yeates			
JS	49	4,209,866	7/1/1980	Loeffler			
JS	50	4,342,558	08/03/82	Wilson			
JS	51	4,521,220	06/04/85	Schoofs			
JS	52	4,541,810	09/17/85	Wenzel			
JS	53	4,657,515	4/14/1987	Ciccotelli			
JS	54	4,689,029	8/25/1987	Ciccotelli			

EXAMINER	<i>Jason D. Sotelo</i>	DATE CONSIDERED	<i>10/6/05</i>
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
JS	55	4,738,645	04/19/88	Garofalo			
JS	56	4,752,259	6/21/1988	Tackett, et. al.			
JS	57	4,773,885	9/27/1988	Ciccotelli			
JS	58	4,775,343	10/4/1988	Lamont, et. al.			
JS	59	4,781,637	11/01/88	Caires			
JS	60	4,820,218	04/11/89	Van de Pol			
JS	61	4,857,024	08/15/89	Evans			
JS	62	4,869,696	9/26/1989	Ciccotelli			
JS	63	4,895,537	1/23/1990	Ciccotelli			
JS	64	4,929,206	5/29/1990	Evans			
JS	65	4,934,971	06/19/90	Picken			
JS	66	4,940,437	07/10/90	Platt			
JS	67	4,944,703	07/31/90	Mosier			
JS	68	4,954,111	09/04/90	Cressi			
JS	69	4,954,112	09/04/90	Negrini et al.			
JS	70	5,163,859	11/17/92	Beltrani, et al.			
JS	71	5,304,081	4/19/1994	Takizawa			
JS	72	5,324,219	06/28/94	Beltrani et al.			
JS	73	5,356,323	10/18/94	Evans			
JS	74	5,358,439	10/25/94	Paolo			
JS	75	5,374,210	12/20/94	Sardella			
JS	76	5,387,145	2/7/1995	Wagner			
JS	77	5,417,599	05/23/95	Evans			
JS	78	5,429,536	7/4/1995	Evans			
JS	79	5,435,764	7/25/1995	Testa, et. al.			
JS	80	5,443,593	8/22/1995	Garofalo			
JS	81	5,522,748	6/4/1996	Cressi			

EXAMINER	<i>James D. Sotelo</i>	DATE CONSIDERED	<i>10/8/05</i>
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Peter T. McCarthy	
		FILING DATE November 13, 2003	GROUP Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
JS	82	5,527,197	6/18/1996	Evans			
JS	83	5,533,918	7/9/1996	Sanders			
JS	84	5,595,518	1/21/1997	Ours			
JS	85	5,597,336	1/28/1997	Evans			
JS	86	5,634,613	6/3/97	McCarthy			
JS	87	5,746,631	5/5/1998	McCarthy			
JS	88	5,810,629	9/22/1998	Parr			
JS	89	6,050,868	4/18/00	McCarthy			
JS	90	6,053,788	4/25/00	Garofalo			
JS	91	6,095,879	8/2000	McCarthy			
JS	92	6,126,503	10/3/00	Viale, et al.			
JS	93	6,146,224	11/14/00	McCarthy			
JS	94	6,290,561 B1	9/18/01	Garofalo et al.			
JS	95	6,364,728 B1	4/2/02	Viale et al.			
JS	96	6,371,821	4/16/02	McCarthy			
JS	97	6,413,133 B1	7/2/02	McCarthy			
JS	98	6,482,059 B2	11/19/02	McCarthy			
JS	99	6,497,597	12/24/02	McCarthy			
JS	100	6,585,548	7/1/03	McCarthy			
JS	101	6,607,411	8/19/03	McCarthy			
JS	102	Des. 278,165	3/26/1985	Evans			
JS	103	Des. 302,999	8/22/1989	McCredie			
JS	104	Des. 327,933	7/14/1992	Evans			
JS	105	Des. 327,934	7/14/1992	Evans			
JS	106	Des. 327,935	7/14/1992	Evans			
JS	107	Des. 328,118	7/21/1992	Evans			
JS	108	Des. 340,272	10/12/1993	Evans			

EXAMINER	<i>Jessie O. Sotelo</i>	DATE CONSIDERED	<i>10/6/05</i>
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
JS	109	Des. 353,181	12/6/1994	Evans			
JS	110	Des. 393,684	4/21/1998	Lin			
JS	111	Des. 396,897	8/11/1998	Evans			
JS	112	Des. 404,456	1/19/1999	Evans			
JS	113	2003/0092332 A1	5/15/03	McCarthy			12/28/01
JS	114	2002/0025744 A1	2/28/02	McCarthy			5/9/01

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JS	115	1501208	Nov 1967	France				
JS	116	DD 259 353 A	08/24/88	Germany				
JS	117	FR 2574 748 A	06/20/86	France				
JS	118	JP 62 134395	06/17/87	Japan				
JS	119	SU 1323 463 A	03/13/86	Soviet Union				
JS	120	0 308 998	03/29/89	Europe				
JS	121	DE 3438808	04/24/86	Germany				
JS	122	2 058 941	1971	France				
JS	123	2 213 072	1974	France				
JS	124	625377	09/19/61	ITALY (with Certified Translation)			X	
JS	125	1.245.395	9/26/60	FRANCE (with Certified Translation)			X	
JS	126	17,033	1890	England				
JS	127	787,291	1935	France				
JS	128	553307	1956	Italy				
JS	129	61-6097	1986	Japan				
JS	130	1,075 997	1960	Germany (with Certified Translation)			X	
JS	131	1284765	1972	Great Britain				

EXAMINER <i>Janis D. Sotelo</i>	DATE CONSIDERED <i>10/6/05</i>
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FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JS	132	2 543 841	1983	France (with certified translation)			X	
JS	133	234305	5/28/1925	Great Britain				
JS	134	2,490,498	3/26/82	France				
JS	135	1,208,636	1959	France				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
JS	136	Rossier, Robert N., entitled, "Moving Forward - Getting your best kick in the water can come from a combination of design, efficiency and hydrodynamics in fins". ALERT DIVER, Nov-Dec 1997, pages 26 - 28.
JS	137	Triantafyllou, Michael S. and Triantafyllou George S., entitled, "An Efficient Swimming Machine". SCIENTIFIC AMERICAN, March 1995, pages 64-70.
JS	138	"3302 of 1880" (Picture From Book-Found in US PTO)
JS	139	"Test Dive" Article in Jan/Feb 1996 issue of <i>Sport Diver Magazine</i>
JS	140	"Oceanic V-Drive Fins" in May/Jun. 1996 Issue of <i>Sport Diver Magazine</i>
JS	141	Walton and Katz "Application of Leading-Edge Vortex Manipulations to Reduce Wing Rock Amplitudes" <i>Journal of Aircraft</i> Vol. 30, No. 4, pp. 555-559
JS	142	Traub and Nurick "Effects of Wing-Tip Vortex Flaps" <i>Journal of Aircraft</i> Vol. 30, No. 4, pp. 557-559
JS	143	Grantz and Marchman III "Trailing Edge Flap Influence on Leading Edge Vortex Flap Aerodynamics", <i>Journal of Aircraft</i> Vol. 20, No. 2, pp. 165-169
JS	144	Rao "An Exploratory Study of Area-Efficient Vortex Flap Concepts" <i>Journal of Aircraft</i> , Vol. 20, No. 12, pp. 1062-1067
JS	145	Lamar and Campbell "Vortex Flaps-Advanced Control Devices for Supercruise Fighters" Jan. 1984, <i>Aerospace America</i> .
JS	146	"BZ" bodysurfing fin (Picture), 1 <sup>st</sup> production in 1990
JS	147	"Blade Pro" bodysurfing fin (Picture), 1 <sup>st</sup> production 1991
JS	148	"Wave Rebel" bodysurfing fin (Picture), 1 <sup>st</sup> production 1994
JS	149	Art. 1400 Pinna "Professional" Fin (1989)
JS	150	USPTO Serial No.: 10/299,647; Filed 11/19/02 - Inventor Peter T. McCarthy
JS	151	USPTO Serial No.: 10/035,758; Filed 12/28/01 - Inventor Peter T. McCarthy
JS	152	USPTO Serial No.: 10/762,640; Filed 1/22/04 - Inventor Peter T. McCarthy
JS	153	USPTO Serial No.: 09/852,155; Filed 5/9/01 - Inventor Peter T. McCarthy
JS	154	USPTO Serial No.: 10/623,187; Filed 7/18/03 - Inventor Peter T. McCarthy

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EXAMINER <i>James D. Lotz</i>	DATE CONSIDERED <i>10/6/05</i>
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